

# California Energy Commission



<b>CLASSIFICATION:</b>	Senior Electrical Engineer (Will consider a Training & Development (T&D) Assignment)
<b>TENURE/TIMEBASE:</b>	Permanent/ Full-time
<b>SALARY:</b>	\$8,802 - \$11,015 (plus an additional \$300 monthly pay differential)
<b>LOCATION:</b>	Siting, Transmission and Environmental Protection Division Sacramento, CA
<b>FINAL FILING DATE:</b>	December 23, 2016

The California Energy Commission is looking for a qualified candidate for the Siting, Transmission and Environmental Protection (STEP) division to help shape California's critical energy future and ensures that energy facilities are authorized in an expeditious, safe and environmentally acceptable manner. The position is for the Strategic Transmission Planning and Corridor Designation Office, which conducts transmission system planning, electrical engineering analyses, and transmission corridor designation analyses. The office examines statewide electric transmission issues, evaluates geographic zones for potential electric generation development, assesses the value of proposed in-state and interstate transmission expansion projects to link new generation to demand areas and maintain system reliability, represents the state in various in-state and interstate transmission planning forums, and presents expert testimony on electrical engineering. The division maintains a committed and creative staff of experts in more than 20 environmental and engineering disciplines. The division's range of technical expertise allows it to perform balanced independent evaluations of complex and controversial projects. If energy is your passion, or if you feel compelled to help mold our energy infrastructure for a renewable future, then we encourage you to apply.

**DUTIES/RESPONSIBILITIES:** Under the general direction of the Electric Transmission System Program Specialist III in the Strategic Transmission Planning & Corridor Designation Office, the incumbent acts as the Transmission Evaluation & Planning Unit senior lead person and independently directs, coordinates, and performs responsible, varied and complex electrical system evaluations involved in the design, specifications, planning, siting, construction and operation of electric power transmission, distribution and generation facilities. The incumbent may function as leader or member of an interdisciplinary team, or coordinate the efforts of technical staff, representatives of various governmental agencies and/or consultants in support of Energy Commission projects.

Primary duties include coordinate and direct engineering analyses of electrical system design specifications, operations and long-term planning issues. The engineering analyses will involve evaluating the design and specifications of proposed electric generation, transmission and distribution facilities, system operational impacts and identifying downstream facilities required to ensure reliability of the electrical system. The scope of related studies include an assessment of electricity generation and transmission market structures that may affect electrical system infrastructure needs and operations, examine participant marketing strategies, and evaluate policy options for the achieving public interest objectives of California's electricity system. The incumbent will also analyze western electrical infrastructure developments and coordinate program activities with other regional oversight agencies. The incumbent will also evaluate existing and emerging electric generation and transmission models and modeling techniques for use in the Energy Commission's statewide electric system planning studies and propose actions to ensure staff's modeling capability is current with industry trends.

**DESIRABLE EXPERIENCE/QUALIFICATIONS:** The successful applicant should have excellent interpersonal skills and is expected to work within a larger team of Transmission, Generation and Environmental specialists, and have the ability to communicate complicated information in a simple, consumer-friendly manner as well as the ability to coordinate interdisciplinary projects.

**WHO MAY APPLY:** Eligible candidates who are current state employees with status in the above classification, lateral transfers from an equivalent class who meet the minimum qualifications of this classification, former state employees who can reinstate into this class or persons who are reachable on a current employment list for this classification. Appointment is subject to the provisions of the SROA process: SROA/SURPLUS/ REEMPLOYMENT candidates are encouraged to apply and must attach a copy of their status letter in order to be considered. Applications will be screened and the most qualified may be contacted for an interview

Interested applicants must submit a completed Standard State Application (Form STD. 678) with an original signature, to the contact/address listed below. Electronic applications will not be accepted. **You must clearly indicate the basis of your eligibility (i.e., list, transfer, SROA/Surplus, reinstatement, etc.), RPA #770-245 and Position #770-3600-006 in the "Explanation Section" of the STD. 678.** Will consider a Training and Development (T&D) Assignment.

***Please Note:*** Possession of the minimum qualifications will be verified prior to the interview and/or appointment. If it is determined an applicant does not meet the minimum qualifications, the application may be forwarded to the State Personnel Board for review and the applicant's name may be removed from the eligibility list.

**SUBMIT APPLICATIONS TO:**

Personnel Services Office  
Attn: RPA #770-245  
1516 9<sup>th</sup> Street, MS-3  
Sacramento, CA 95814

View full Duty Statements:  
<http://www.energy.ca.gov/careers/jobs.html>

***For additional questions regarding this recruitment, you may contact (916) 654-4305 or email [personnelservices@energy.ca.gov](mailto:personnelservices@energy.ca.gov).***

***California Relay (Telephone) Service – TDD Phones: 1-800-735-2929 and Voice Phones: 1-800-735-2922***